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EXTRACTIVE MACHINERY PLANTS EXCEED PLAN;  
START NEW PRODUCTION

METAL WORKERS SEVERAL YEARS AHEAD OF PLAN -- Leningradskaya Pravda, No 85, 9 Apr 50

The Voroshilovgrad Coal-Machinery-Building Plant imeni Parkhomenko fulfilled its Five-Year Plan at the beginning of March. There are 19 Stakhanovite shops in the plant, with nearly half the personnel of the metal structures shop working on the accounts of 1952-53.

PLEDGES FOLLOW COMPLETION OF PLAN -- Pravda Ukrainy, No 81, 5 Apr 50

The Gorlovka Machine-Building Plant imeni Kirov fulfilled the Five-Year Plan for commodity production in 1 April. The management has pledged to increase the output of Donbass combines, powerful cutters, and other machines for the coal industry.

RAISES PRODUCTION, LOWERS COSTS -- Leningradskaya Pravda, No 102, 29 Apr 50

The Khar'kov Svet Shakhtera Plant, producing in excess of Five-Year Plan schedules, has cut production costs 3.3 percent below the planned figure.

Assembly of welded parts for a coal conveyer has been mechanized through use of a two-level conveyer.

ANODE-MECHANICAL UNIT INCLUDED IN ADVANCED EQUIPMENT -- Vestnik Mashinostroyeniya, No 3, Feb 50

Rotary drills produced at the Leningrad Pnevmatika Plant are 25-40 percent more powerful than prewar cylinder-type drills, utilize air more efficiently, and are lighter.

Specifications for three of these rotary drills follow:

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	<u>Weight (kg)</u>	<u>Rpm Under Working Conditions</u>
RS-32	11.5	220
RS-22	9.0	300
RSU-32	10.0	215

Two additional drills have been made -- the OM-1 and the OM-2. Both are 15 percent lighter than the OMSP-5 pneumatic drill, and the shank is two to three times more durable.

The tubular slide-valve distributor on the pneumatic tamping machines has been replaced by a plate-type slide valve, simplifying the manufacture of the machines and increasing their efficiency.

Machines the plant is producing for the coal industry include: blast-hole drills, drill-sharpening units, 16-horsepower motors for cutters and loaders, and cylindrical hoists.

A new rock drill made at the plant is considered the best light hand tool of its class in the USSR.

The following advanced technological methods are in practice at the plant: anode-mechanical tool grinding, high-frequency heat treatment of parts, high-speed cutting, and use of waste from high-speed cutting steel for welding.

TEST NEW EQUIPMENT -- Izvestiya, No 84, 8 Apr 50

The Khar'kov Svet Shakhtera Plant has run tests on its recently produced scraper conveyers. Designed to work in conjunction with coal combines, their productivity is much greater than that of models previously produced.

Krasnaya Zvezda, No 92, 18 Apr 50

The Khar'kov Svet Shakhtera Plant has begun production of scraper conveyers designed for use in mines having large seams. These conveyers have a productivity of 150 tons of coal per hour.

NEW MACHINES GO INTO SERIES PRODUCTION -- Sovetskaya Estoniya, No 101, 27 Apr 50

The Tallin Il'marin Plant has begun series production of the three peat-industry units essential to its processing: extraction, drying, and stacking machines.

COMPLETE TWO MORE MACHINES -- Kommunist, No 97, 23 Apr 50

As of this date, the Tallin Il'marin Plant has completed two peat-spreading machines. Workers in the welded-boiler shop are fulfilling their daily norms 180 percent.

DEVELOP NEW MACHINES -- Pravda, No 105, 15 Apr 50

The Giprouglemash (State Institute for Planning Coal Machinery) has developed the new UTK-1 coal combine, designed for work in coal seams which are too small to permit operation of the Donbass combine. This combine can work the faces of sloping seams 0.4-0.7 meter wide. As there are many such seams in the Donbass area, application of the new combine is important.

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The Gorlovka Plant has made the first experimental model of the multiple-bar MBK combine, designed for working sloping seams of hard coal. The machine can handle seams of various widths, and can be set up easily at the mine.

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